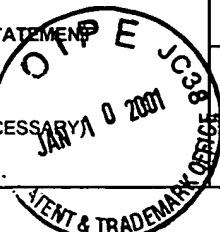


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. CANNING.001A	APPLICATION NO. 09/676,727
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		RECEIVED JAN 16 2001	
(USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Francis X. Canning	Technology Center 2100
		FILING DATE September 29, 2000	GROUP Unknown



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1.	5,548,798	08/20/96	King			
2.	5,615,288	03/25/97	Koshi, et al.			
3.	5,867,416	02/02/99	Feldmann, et al.			
4.	6,051,027	04/18/00	Kapur, et al.			
5.	6,064,808	05/16/00	Kapur, et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
mR14	1. Kevin Amaratunga, "A wavelet-Based Approach for Compressing Kernal Data in Large-Scale Simulations of 3D Integral Problems," Computing in Science & Engineering, July/August 2000, pp. 35-45.
mR14	2. A Brandt, et al., "Multilevel Matrix Multiplication and Fast Solution of Integral Equations," Journal of Computational Physics, 1990, pp. 348-370.
mR14	3. Francis X. Canning, "The Impedance Matrix Localization (IML) Method for Moment-Method Calculations," IEEE Antennas and Propagation Magazine, Vol. 23, No. 5, October 1990, pp. 18-30.
mR14	4. Francis X. Canning, "Reducing Moment Method Storage from Order N <sup>2</sup> to Order N," Electronics Letters, Vol. 25, No. 19, September 1989, pp. 1274-1275.
mR14	5. Francis X. Canning, "Solution of impedance matrix localization form of moment method problems in five iterations," Radio Science, Vol. 30, No. 5, Sept.-Oct. 1995, pp. 1371-1384.
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mR14	7. Francis X. Canning, "Fast Direct Solution of Standard Moment-Method Matrices," IEEE Antennas & Propagation, Vol. 40, No. 3, June 1998, pp. 15-26.
mR14	8. Francis X. Canning, "A Fast Moment Method Matrix Solver," 14 <sup>th</sup> Annual Review of Progress in Applied Computational Electromagnetics, March 1998, pp. 449-454.
mR14	9. L. Greengard, et al., "A Fast Algorithm for Particle Simulations," Journal of Computational Physics, Vol. 73, No. 2, December 1987, pp. 325-348.

EXAMINER	DATE CONSIDERED
	08/02/2004

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. CANNING.001A	APPLICATION NO. 09/676,727
		APPLICANT Francis X. Canning	RECEIVED JAN 10 2001 Technology Center 2100
		FILING DATE September 29, 2000	GROUP Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
mef	10. Sharad Kapur, et al., "Efficient Full-Wave Simulation in Layered, Lossy Media," Custom Integrated Circuits Conference, May 11-14, 1998.
MBH	11. Sharad Kapur, et al., "IES <sup>3</sup> : A Fast Integral Equation Solver for Efficient 3-Dimensional Extraction," International Conference on Computer-Aided Design, November 9-13, 1997.
MRH	12. Sharad Kapur, et al., "Efficient Electrostatic and Electromagnetic Simulation Using IES <sup>3</sup> ," IEEE Journal on Comp. Eng., December, 1998.
MBH	13. Sharad Kapur, et al. "Efficient Three-Dimensional Extraction Based on Static and Full-Wave Layered Green's Functions," Design Automation Conference, June 16, 1998.
MRH	14. Sharad Kapur, et al., "High-Order Nyström Schemes for Efficient 3-D Capacitance Extraction," International Conference on Computer-Aided Design, November 8-12, 1998.
MRH	15. Aram K. Kevorkian, et al. "Sparse Complete Orthogonal Factorization as Applied to Bistatic Target Strength Prediction," DOD High Performance Computing 7th Users Group Conference, June 26, 1997.
MEL	16. Eric Michielssen, et al., "Multilevel Evaluation of Electromagnetic Fields for the Rapid Solution of Scattering Problems," Microwave and Optical Technology Letters, Vol. 7, No. 17, December 1994, pp. 790-795.
MRH	17. Eric Michielssen, et al., "A Multilevel Matrix Decomposition Algorithm for Analyzing Scattering from Large Structures," IEEE, Vol. 44, No. 8, August 1996, pp. 1086-1093.
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EXAMINER	DATE CONSIDERED <u>08/02/2004</u>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	